



# The Gazette of India

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Separate paging is given to this Part in order that it may be filed as a separate compilation.

## PART II—SECTION 1

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

*Calcutta the 13th September 1947*

##### Applications for patents

*Titles have been abridged*

*From 28th August, to 1st September 1947*

38114. General Motors Corporation. Electric locomotives.
38115. W. E. O'Shei. Windscreen wiper blades. (6th January 1939).
38116. W. E. O'Shei. Windscreen wipers. (8th June 1939).
38117. W. E. O'Shei. Windscreen wipers. (8th September 1939).
38118. Imperial Chemical Industries Limited. Composite materials. (Addition to No. 32030).
38119. H-P-M Development Corporation. Pumps. (30th August 1946).
38120. American Cyanamid Company. Ethylene cyanohydrin and method of producing same. (16th September 1946).
38121. Interchemical Corporation. Emulsions for use in fabric-decorating. (30th April 1947).
38122. The Linde Air Products Company. Wide deseaming process and nozzle. (16th May 1947).
38123. Wingfoot Corporation. Resilient support for seat cushions.
38124. Pye Limited. Driving cords for mechanical coupling systems.
38125. Pye Limited. Tuning devices for radio receiving sets or the like.
38126. The Houdaille Hydraulic Suspension Company, Limited. Collapsible chair.
38127. Power Jets (Research & Development) Limited. Turbine rotors and the like. (30th August 1946).
38128. Western Electric Company Incorporated. Transmission systems for radio waves. (21st December 1946).
38129. The Upjohn Company. Antibiotic.
38130. The Upjohn Company. Extraction of antimicrobial material.
38131. P. Grabinski and R. W. Pointer. Transportation method and apparatus employed therein.
38132. Hercules Powder Company. Cracking hydrocarbons.

#### Applications accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on any one of the applications, referred to below, may at any time within four months of the date of this *Gazette of India* give notice at the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course.

The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges, which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

30844. Standard Telephones and Cables Limited. Improvements in Antenna systems for defining a glide path. (30th October 1942).

*Comprises a first antenna having a multi-lobe pattern and a second antenna having a single principal lobe overlapping the lowermost lobe, means for reducing second higher lobe.*

31887. The Geigy Company Limited. Improvements in or relating to the treatment or preparation of textile and other materials and articles to enable them to resist penetration or attack by insects and/or to render them undesirable as lodgment or habitation for insects. (5th January 1944).

*Treating textile or other materials with an active ingredient consisting of a compound of the formula*  

$$\begin{array}{c} R_1 \searrow \\ CH-C-X \\ R_2 \nearrow \end{array} \begin{array}{c} X \\ X \end{array}, \text{ where } X \text{ means} \\ \text{halogen and } R_1 \text{ and } R_2 \text{ represent} \\ \text{benzene rings.}$$

33863. International General Electric Company of New York, Limited. Improvements in or relating to Electrodes for Discharge Devices.

*Electrode in the form of a helical coil of wire, its dimensions having correlation with the starting pressure.*

34109. T. & T. Vicars Limited. Improved control means for gas supply arrangements for the gas burners of ovens.

*Separate valves provided at outlet ends of gas and air supply pipes controlled by a common operating means.*

34111. T. & T. Vicars Limited. Improvements in gas burners.

*Detachable gas nozzle and venturi element removably fitted in a bore in a housing and air and gas inlet passages communicating with said bore.*

34181. W. E. O'Shei. Improvements in or relating to darts and dart flights therefor.

*Having a hole or depression in the end surface of the stem which is adapted to be screwed into the dart body.*

34193. Power Jets (Research & Development) Limited. Improvements relating to means for measuring or indicating the ratio of two forces and applications thereof to Mach Number indicators. (14th February 1945).

*Displacement of rolling contact line of a beam on fulcrum member adapted to measure variation of two forces applied to the beam.*

34198. Eclipse Air Brush Co. Improvements in or relating to methods and devices for coating surfaces by spray painting. (1st October 1945).

*Combination of fluid receiving chamber, discharge orifice, paint supply inlets, air passages and a housing.*

34260. P. Alexander. Improvements in or relating to the manufacture of dielectrics and to the thermal evaporation of metals in a vacuum. (30th November 1944).

*Oxygen in the absorbed layer reacting with metal vapour in vacuum whereby metal oxide layer forms, stopping reaction before metal is deposited.*

34267. J. R. Geigy A.-G. Manufacture of aromatic acyl-sulphonamides. (24th October 1945).

*Reacting sulphonamides on araliphatic, condensed aromatic or heterocyclic carboxylic acids or their functional derivative.*

34280. La Soudure Electrique Autogene, Societe Anonyme. Improvements relating to electric arc welding.

*Gas delivered to the arc through narrow passages in the electrode.*

34283. Automatic Telephone & Electric Company Limited. Improvements in or relating to automatic switches for use in telephone or like systems. (7th March 1945).

*Relay in automatic switch is held over one winding in series with driving magnet until magnet operates interrupt contact.*

34301. County Perfumery Company Limited. Improvements relating to the manufacture of soapless detergent preparations. (9th March 1945).

*Dispersion contains one or more neutral salts.*

34307. Societe Quartz & Silice. Process for the division of mica and like cleavable materials into flakes with a view to the manufacture therefrom of materials and articles. (7th May 1945).

*Heating muscovite mica to 800°C. and treating with alkaline and acid in presence of a binder.*

34519. Standard Telephones and Cables Limited. Improvements or relating to pulse modulation communication systems. (1st March 1945).

*An electric pulse train is time phase modulated according to intelligence.*

34524. Warner Electric Brake Manufacturing Company. Improvements in braking systems.

*A braking system having two braking means, one electrodynamic and the other frictional in character. They are automatically acted by means of relay connections from an electric generator within the vehicle.*

34541. A. Holan. Improvements in or relating to locks.

*Shackle of V-shape, locking mechanism, comprising a pair rotatable discs one on either side of a stationary disc, to catch one on either side of the stationary disc and being within a housing held within the arm of the shackle and a locking key passing through the housing and the arms of the shackle.*

34766. G. Damodar Joglekar and Dr. L. C. Verman. Improvements in or relating to Magnetic Separators.

*Mixture containing magnetic materials suspended in a gas propelled through magnetic field.*

34826. Standard Telephones and Cables Limited. Improvements in or relating to automatic gain control arrangements for thermionic amplifiers. (17th May 1945).

*Amplifier, level controlling means causing the mean level to oscillate between predetermined limits.*

34853. N. R. Das. Improvements in or relating to ovens.

*Egg shape fire chamber, having an opening at the top, an opening at the base and an frontal opening.*

35037. Creed and Company Limited. Telegraph Service Equipment.

*Telegraph recording apparatus comprising a recorder, a container, a chute and a cutting member.*

35048. Societe Continentale et Coloniale De Construction, Societe Anonyme. Method for reinforcing the ends of hollow articles of reinforced concrete.

*Longitudinal preconstraint of concrete is created in the whole zone subjected to dangerous tensions, by means of reinforcing elements enclosed on opposite sides of this zone and placed under initial tension.*

35111. S. G. Williams-Foxcroft. Improved electric resistance heater. (21st June 1945).

*Wire first wound in zig-zag fashion and thereafter wound into a spiral with one end in the base and the other end forming heat radiating surface.*

35191. Imperial Chemical Industries Limited. Improvements in and relating to fertilizers. (4th July 1945).

*Treating phosphatic material with agents to give soluble phosphate, granulating the product, heating at 200—600°C.*

35192. Imperial Chemical Industries Limited. New azo dyestuffs for wool. (4th July 1945).

*Coupling a diazotised o-aminophenolmono sulphonic acid with 1-(3':4'-dichlorophenyl)-3-methyl-5-phrazonolone.*

35297. Imperial Chemical Industries Limited. New monoazo dyestuffs. (26th July 1945).

*Diazotising the sulphuric ester of a m or p-aminophenyl hydrohyalege ether and coupling with 2-or 3-mono-hydroxy diphenylene oxide.*

35276. Imperial Chemical Industries Limited. Tris-azo dyestuffs. (19th July 1945).

*Tris-azo dyes made by coupling the products obtained by the coupling of tetrazotised benzidine with 1-sulphophenyl-3-methyl-5-phrazonolones and the coupling of primary arylamine sulphonic acids with m-phenylene diamines.*

35468. Imperial Chemical Industries Limited. Production of coloured articles from organic filament-forming materials.

*Incorporating a dispersion of a pigment in a linear polyester or a linear polyester-amide with a filament forming material in a solvent and thereafter shaping.*

35488. Standard Telephones and Cables Limited. Improvements in or relating to railway signalling systems.

*Train dispatching system comprising generators for signals of different kinds for units of distances travelled in different directions and indication responsive in opposite senses for the different kinds of signals.*

35620. Atmospheric Control Limited. Improvements in fluff and dust removal systems for cotton and like carding engines. [Addition to No. 34924.]

*The valve in the suction-box occupying three positions (1) cutting the suction (2) applying suction to the base (3) applying suction to the outside of the machine.*

35703. Imperial Chemical Industries Limited. Improvements in or relating to electrolysis. (27th August 1941).

*Causing electrolyte to flow through inter-electrode gap at velocities above 7.5 Cms per second.*

35707. Imperial Chemical Industries Limited. Improvements in or relating to electrolytic cells. (17th September 1945).

*Device for adjusting the inter electrode distance, having means for sealing the lid to the cell.*

35939. T. Slucki. New type of air exhaust.

*Concave polygonal pipe with vertices longitudinally sliced to form outlets and closed at one end affixed inlet pipe.*

35954. British Insulated Callender's Cables Limited. Improved means for detecting leaks in electric cables or pipe lines containing fluid under pressure. (6th November 1945).

*Electrically operated valves to close openings in barriers dividing fluid system, and automatically operated switches in each section of fluid system to connect resistance in pilot line to indicate position of section having leakage.*

36031. Siemens Brothers & Co. Limited. Improvements relating to electric pulse modulation signalling systems.

*Synchronising signals transmitted from controlling station control the timing of the gates of controlled station.*

36055. Allied Engineering Industries. Improved metal furniture.

*Comprises frames made of metal rods and seats and covers made of metal sheets, the latter being joined by rolling over the rods tightly.*

36071. The General Electric Company Limited. Improvements in electrode holders for use in arc welding. (23rd October 1944).

*Embodys a gripping means and a switch means, and a control means common to both the means.*

36243. The Raleigh Cycle Company Limited and W. Brown. Improvements in magneto-electric machines. (4th December 1945).

*Pole pieces, of imbricated stator or rotor, from both ends of common core over hang at same end of core.*

36251. Imperial Chemical Industries Limited. A new azo-dyestuff. (5th December 1945).

*Coupling tetrazotised benzidine with 1:8-aminophenol-3:6-disulphonic acid, then coupling with diazotised sulphanilic acid and then with m-amino phenol.*

36275. Smart & Brown (Engineers) Ltd., and C. W. Clark. Improvements in or relating to snap action switches. (7th December 1945).

*Snap action mechanism engages on the one side a slidable contact member and on other side the slidable actuating member.*

36300. The British Drug Houses Limited. Improvements in or relating to ethers. (28th June 1946).

*Associating aryl  $\beta$ -indihydroxy-propyl ether with ethyl urea or propylene glycol or both.*

36555. H. J. Cooper. Improvements in or relating to shedding means for circular looms for weaving. (12th January 1946).

*Oscillatable shedding blades and spacers mounted on a member having projections of sufficient dimensions to ensure freedom from vibrations.*

36564. W. M. Waller and P. H. Waller. Improvements in and relating to foldable boxes or cartons and blanks therefor. (14th January 1946).

*Comprises a blank with three main panels each panel being separated by and foldable on crease lines and provided with a raised platform.*

36566. K. G. Mathur. The manufacture of activated earths.

*Bhimber or other clay washing with sulphuric acid and water and activating the silica at 300-400°C.*

36786. Texaco Development Corporation. Improvements in or relating to radiation detecting device.

*Radiation detecting device and counter having a cathode of large surface area and elongated metallic anode disposed to produce non-homogeneous electric field there-between.*

36903. Power Jets (Research & Development) Limited. Improvements in or relating to bladed stator assemblies primarily for axial flow compressors. (25th February 1946).

*Stator assembly for axial flow compressor comprises plurality of rings joined together co-axially with blade roots secured in the contiguous edges.*

37102. W. Lindsay. Vibratory conveyor.

*Trough vibrated by cams against resilient means.*

#### Printed Specifications Published.

A limited number of printed copies of the undernoted specifications are available for sale from the Manager of Publications, Civil Lines, Delhi or on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at one rupee each:—

27308.	30256.	30623.	31361.	32035.	32127.
32202.	32203.	32248.	32469.	32622.	32632.
32772.	32776.	32837.	33898.	33958.	34127.
34205.	34327.	34484.	34596.	34991.	

#### Patents Sealed.

28805.	30557.	30665.	31339.	31507.	31573.
31618.	31623.	31656.	31745.	31820.	31833.
31841.	31846.	31972.	31978.	32084.	32129.
32133.	32230.	32240.	32257.	32259.	32309.
32364.	32371.	32392.	32415.	32481.	32564.
32569.	32570.	32609.	32616.	32685.	32857.
32863.	32864.	32877.	32884.	32886.	33095.
33140.	33148.	33226.	33361.	33433.	33624.
33696.	33852.				

#### Renewal Fees Paid.

The time for payment of renewal fees in respect of the patents shown under this heading and marked with asterisks was extended under the Indian Patents and Designs (Extension of Time) Act, 1942.

19359.	19378.	*21103.	21132.	21214.	21251.
21473.	22143.	22175.	23439.	26031.	26835.
27050.	27103.	28499.	29042.	29181.	29265.
29287.	29288.	29289.	29290.	30006.	30121.
30148.	30182.	30212.	30233.	30322.	30364.
30593.	31608.	32068.			

K. RAMA PAI,

Controller of Patents and Designs.